

**LEMON GROVE CITY COUNCIL
AGENDA ITEM SUMMARY**

Item No. 2
Mtg. Date August 16, 2016
Dept. Development Services

Item Title: Overview Presentation of the Connect Main Street Project

Staff Contact: David De Vries, Development Services Director

Recommendation:

- | |
|--|
| 1. <u>Receive the overview presentation for the Connect Main Street Project.</u> |
|--|

Item Summary:

On July 19, 2016, the City Council provided direction to staff to present an overview of the Connect Main Street Project concept accepted on August 4, 2015. Staff is including the accepted Alternative for the section between Massachusetts Ave. and San Pasqual Street. The City received a SANDAG Smart Growth Incentive Program (SGIP) grant to fund the design and related technical studies for the Main Street Promenade Extension Planning Project (now named "Connect Main Street"). The project is an approximate two-mile-long corridor adjacent to the Orange Line of the MTS trolley system that runs from Broadway to the south end of the City and includes walking and biking paths and park related activity areas. On August 4, 2015, the City Council accepted the proposed project concept and directed staff to prepare a General Plan Amendment to incorporate the concept into the General Plan. A draft General Plan amendment creating a new Special Treatment Area for the Connect Main Street project and related project deliverables will be provided at a future City Council meeting for consideration.

Fiscal Impact:

None.

Environmental Review:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Not subject to review | <input type="checkbox"/> Negative Declaration |
| <input type="checkbox"/> Categorical Exemption, Section [] | <input type="checkbox"/> Mitigated Negative Declaration |

Public Information:

- | | | |
|--|---|---|
| <input checked="" type="checkbox"/> None | <input type="checkbox"/> Newsletter article | <input type="checkbox"/> Notice to property owners within 300 ft. |
| <input type="checkbox"/> Notice published in local newspaper | <input type="checkbox"/> Neighborhood meeting | |

Attachments:

- A. Approved Concept Plan for the Connect Main Street Project excerpts (sheets are reordered to display the progression from Broadway to the south end of the City showing the theme, then the corresponding conceptual plan)

CONNECT MAIN STREET • MAIN STREET PROMENADE - PHASE 2 • CITY OF LEMON GROVE

PROPERTY / ROW OWNERSHIP / AMENITY OVERVIEW • SHEET B



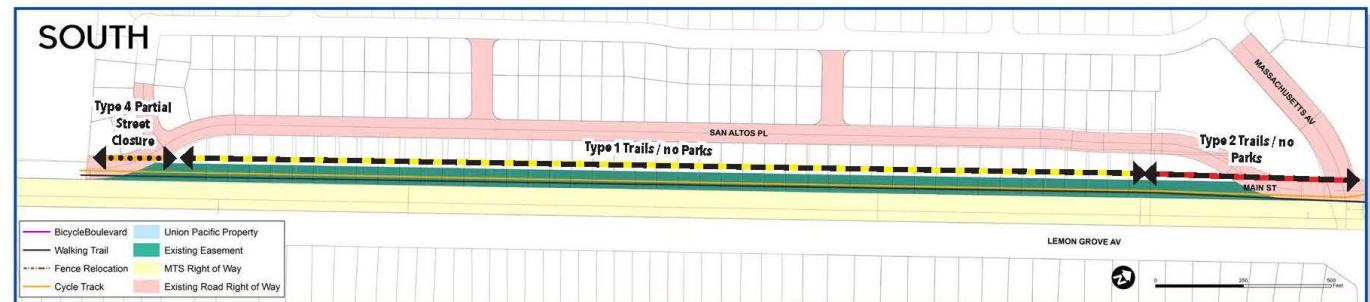
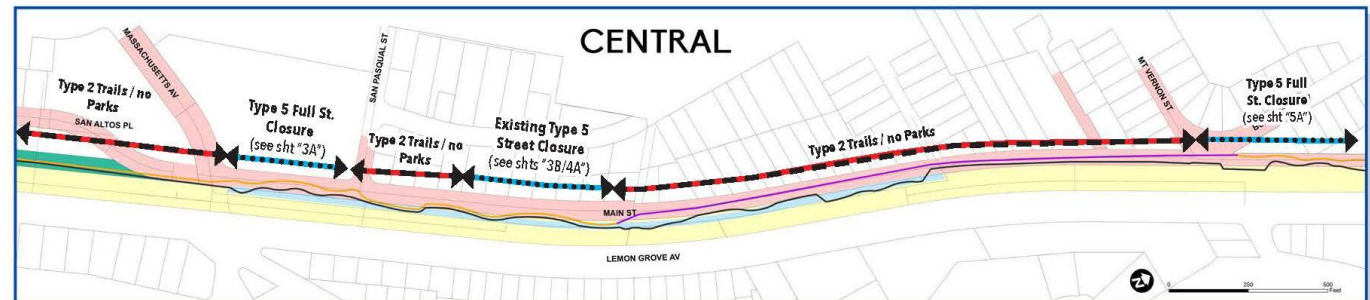
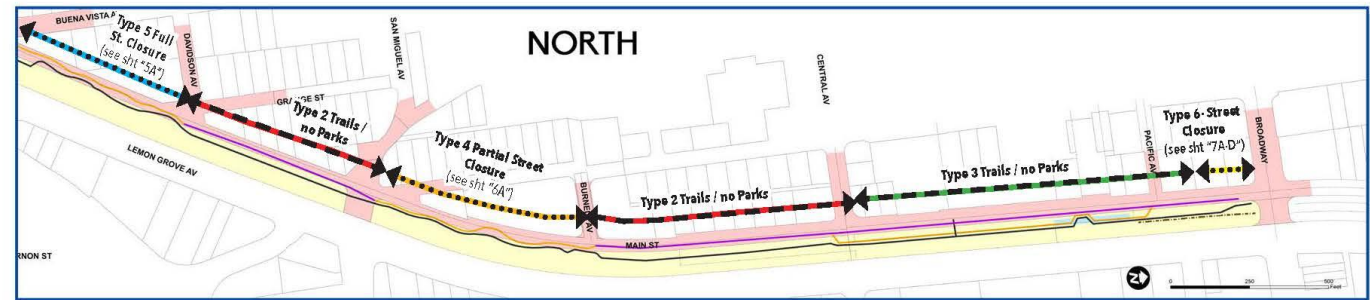
PROPERTY OR ROW DISPOSITION

Most of the proposed Improvements will occur within City Right of Way (ROW) associated with Main Street. However, some areas will encroach within the MTS Trolley ROW and other areas will occur on Union Pacific "silver" properties.

PROPOSED AMENITIES & TREATMENTS

Design treatments vary along the corridor but can be classified as trail only segments (Type 1-3) or paths with parks (Type 4-6). Trail only segments are either multi-use paths located away from a roadway (Type 1), a bike boulevard and side trail combination located along a roadway (Type 2) or consist of more urban paved trails and bike boulevards along roadways (Type 3). Other trails are associated with street closures and parklands. These include linear parks associated with partial street closures (one travel lane remaining open) (Type 4), pocket parks associated with wider parkland areas resulting from a full street closure (Type 5) or plazas resulting from a street closure (Type 6). Each type of trail has typical features and amenities proposed. See the table below for a listing of typical proposed amenities and treatments.

| CONNECT MAIN STREET DESIGN FEATURE OVERVIEW | TRAIL ONLY SEGMENTS | | | PATHS WITH PARKS SEGMENTS | | |
|---|--------------------------------------|-------------------------|-----------------------------|--|--|---|
| | 1. Multi-use Trail Away from Roadway | 2. Trails Along Roadway | 3. Urban Trail & Bike Blvd. | 4. Linear Park with Partial Street Closure | 5. Pocket Parks with Full Street Closure | 6. Plazas Resulting from Street Closure |
| A. CIRCULATION | | | | | | |
| A.1. Hiking Path | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| A.2. Walking Urban Trail | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| A.3. Bike Boulevard | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| A.4. Multi-use Path | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| B. SURFACES | | | | | | |
| B.1. Soft Surface | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| B.2. Firm Surface | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| B.3. Hard Surface | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| C. PARK FEATURES | | | | | | |
| C.1. Native Garden | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| C.2. Community Garden | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| C.3. Dog Park | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| C.4. Skills / Health Park | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| C.5. Sporting Park | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| C.6. Education Park | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| D. STREET AMENITIES | | | | | | |
| D.1. Native Plantings | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| D.2. Riparian Restoration | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| D.3. Street Trees | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| D.4. Picnic Tables | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| D.5. Shade Structures | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| D.6. Seating | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| D.7. Train Receptacles | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| D.8. Street Lighting | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| D.9. Pedestrian Lighting | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| E. RUNOFF IMPROVEMENTS | | | | | | |
| E.1. Runoff Basins | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| E.2. Bioswales | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| E.3. Permeable Surfaces | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| E.4. Infiltration Areas | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| F. EDUCATION PANELS | | | | | | |
| F.1. Mammals | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| F.2. Ocean markers | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| F.3. Interpretive Panels | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| F.4. Interpretive Kiosks | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| G. PUBLIC ART | | | | | | |
| G.1. Portals | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| G.2. Fence Art | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| G.3. Wall Art | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| G.4. Historic Art Pieces | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| G.5. Natural Art Pieces | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| G.6. Art Installations | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |



TRAIL TYPE LEGEND

(1-3= Trails Only; 4-6: Trails with Parks)

- 1. Multi-use Trail Away from Roadway
- 2. Trail Along Roadway (no parkland)
- 3. Urban Trail & Bike Boulevard
- 4. Linear Park with Partial Street Closure
- 5. Pocket Parks with Full Street Closure
- 6. Plazas Resulting from Street Closure

Attachment A

The EARLY PIONEER PERIOD EXAMPLES

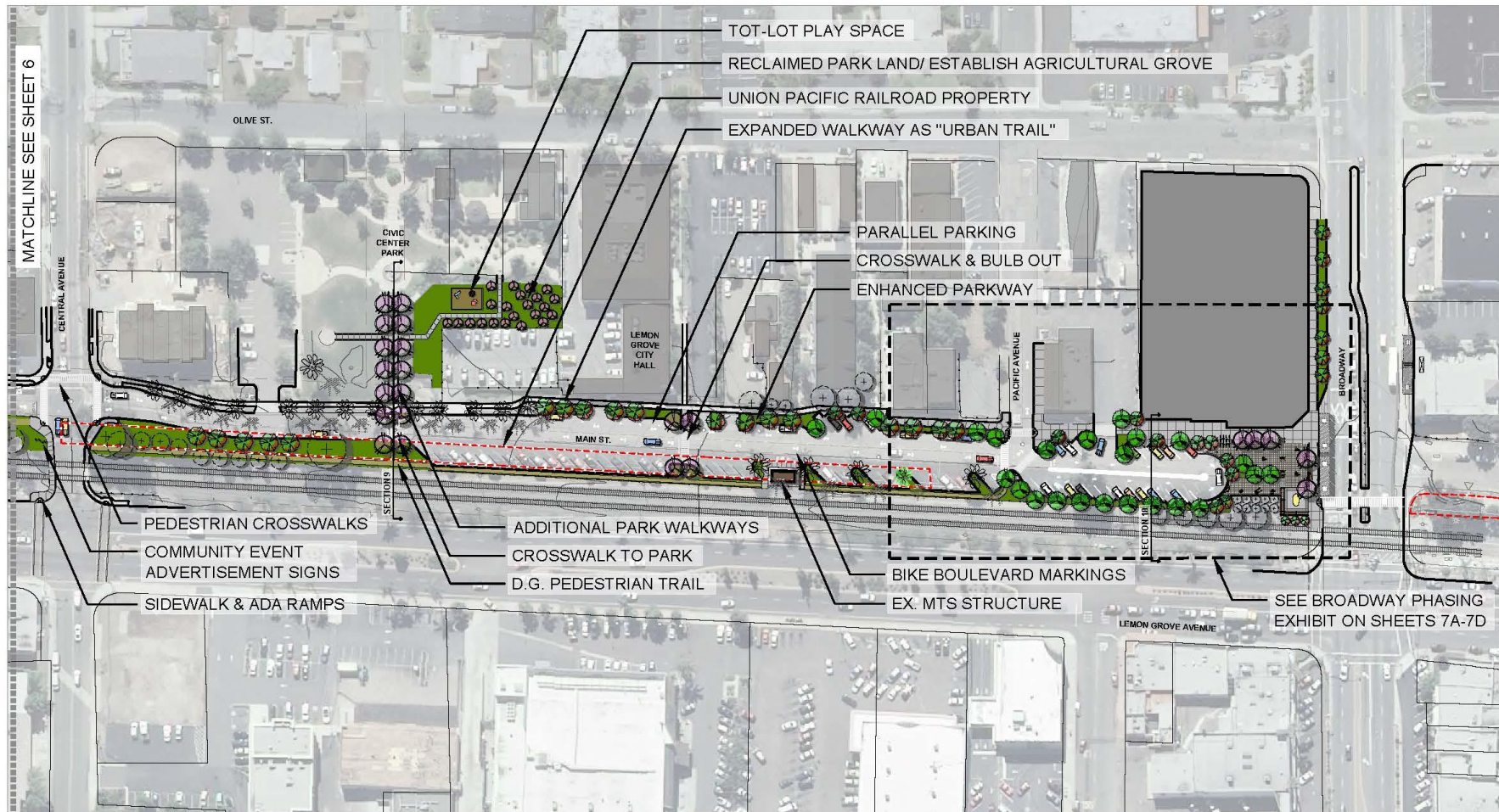
Arbors, grape vines and shade would be the focus of this area, while keeping an open appearance for storefronts and public safety. Rustic weathered or whitewash wood to be used throughout.



This final portal would consist of an open arbor trellis with grape vines near the lemon monument and would use agricultural lath and include pioneer and agricultural interpretive panels

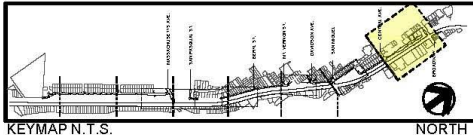


SHEET U



SHEET 7: PLAN VIEW

0 50 100 200
SCALE: 1"= 100' IF 11"x17"



TREE SUCH AS LEGEND:

- | | | |
|---|--|--|
| Ironwood - <i>Lyonothamnus floribundus</i> | CA Sycamore - <i>Platanus racemosa</i> | Date Palm - <i>Phoenix dactylifera</i> |
| Torrey Pine - <i>Pinus torreyana</i> | Bay Laurel - <i>Umbellularia californica</i> | Existing Tree |
| Western Redbud - <i>Cercis occidentalis</i> | Brisbane Box - <i>Lophostemon confertus</i> | Existing Palm |
| Crape Myrtle - <i>Lagerstroemia indica</i> | Peppermint Tree - <i>Agonis flexuosa</i> | |
| Orange Tree - <i>Citrus species</i> | Ornamental Pear - <i>Pyrus species</i> | |
| CA Live Oak - <i>Quercus agrifolia</i> | Common Alder - <i>Alnus rhombifolia</i> | |
| Valley Oak - <i>Quercus lobata</i> | Willow - <i>Salix species</i> | |
| Island Oak - <i>Quercus tomentella</i> | Elderberry - <i>Sambucus mexicana</i> | |

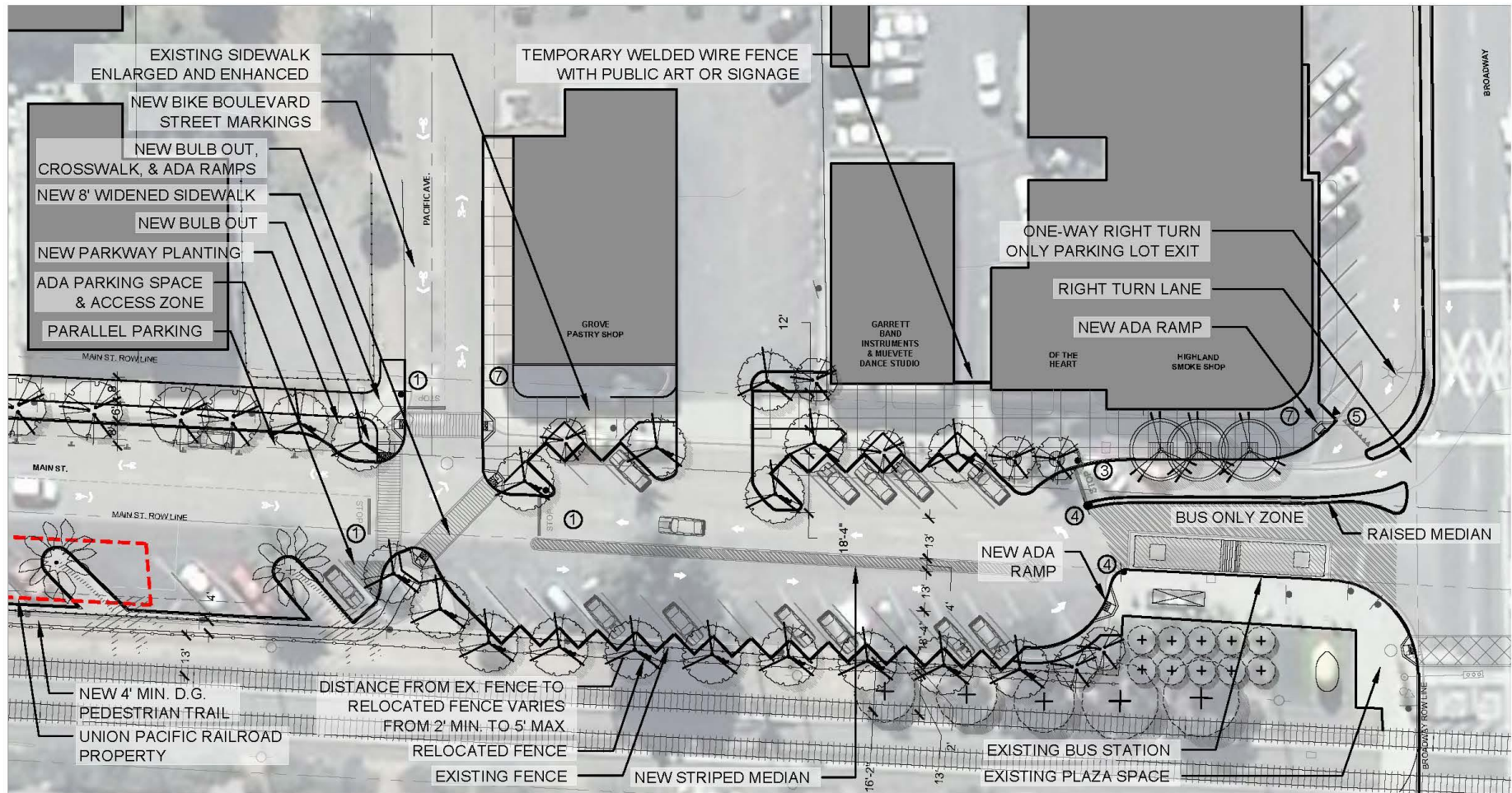
SIGN LEGEND:

- ① Stop Sign
- ② Stop & No Right Turn
- ③ Stop & Right Turn Only
- ④ Bus/Bike Only
- ⑤ Yield to Pedestrians
- ⑥ Do Not Enter One Way
- ⑦ Security Camera
- ⑧ Bike Stop Sign

SITE LEGEND:

- Union Pacific Property
- Bike Boulevard Markings
- ADA Ramp
- Boulders
- Sit-Only Bench
- Interpretive Sign

Attachment A

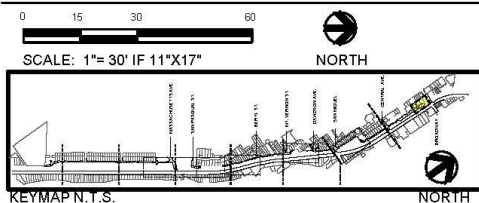
































SHEET 7B: SHORT TERM

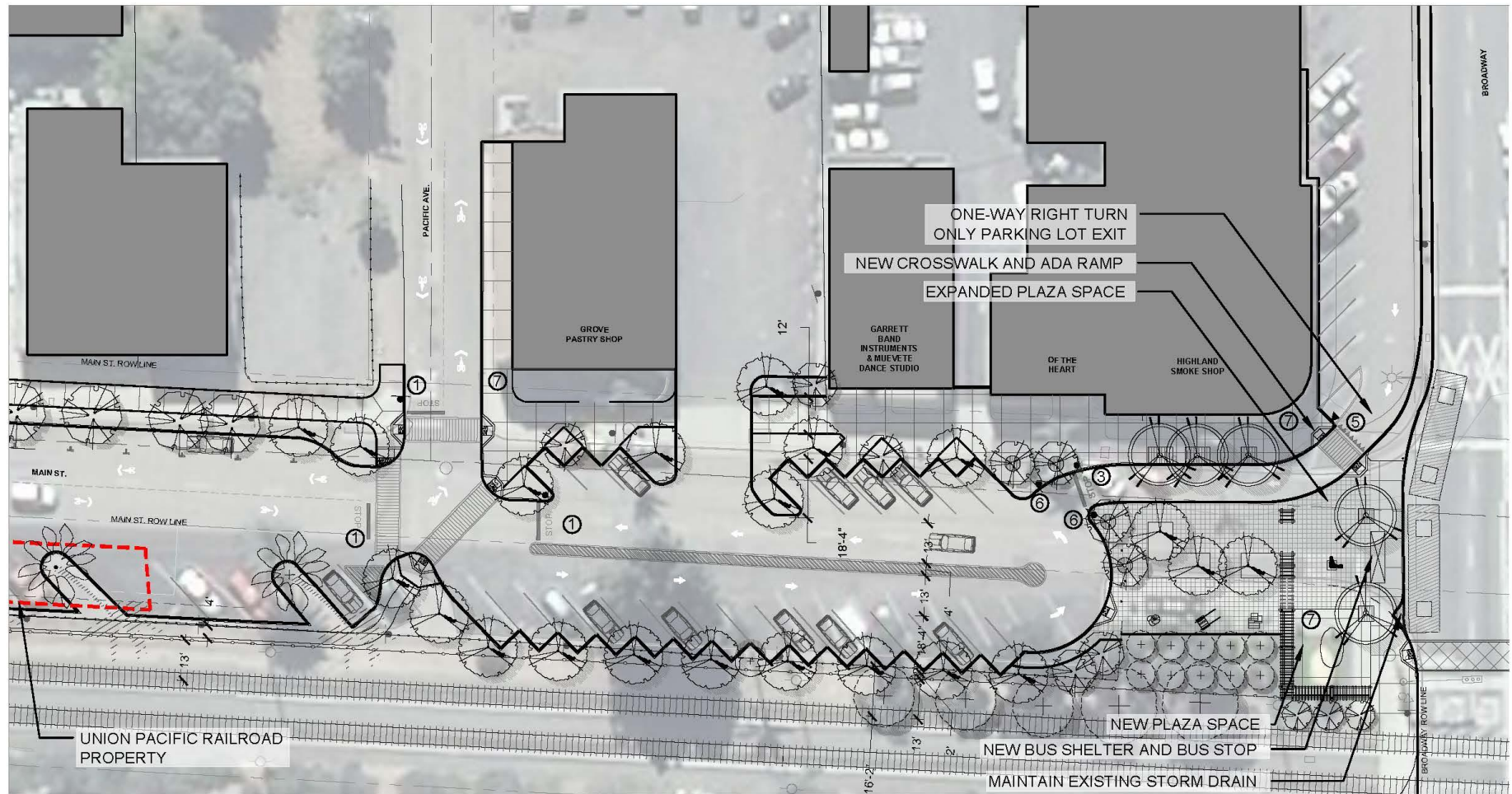
TREE SUCH AS LEGEND:

SIGN LEGEND:

SITE LEGEND:

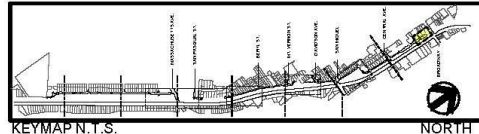


| | | | | |
|--|---|--|---|---|
|  Ironwood - <i>Lyonothamnus floribundus</i>  Torrey Pine - <i>Pinus torreyana</i> |  CA Sycamore - <i>Platanus racemosa</i>  Bay Laurel - <i>Umbellularia californica</i> |  Date Palm - <i>Phoenix dactylifera</i> |  ① Stop Sign  ② Stop & No Right Turn  ③ Stop & Right Turn Only  ④ Bus/Bike Only  ⑤ Yield to Pedestrians  ⑥ Do Not Enter One Way  ⑦ Security Camera  ⑧ Bike Stop Sign |  Union Pacific Property  Bike Boulevard Markings  ADA Ramp |
|  Western Redbud - <i>Cercis occidentalis</i>  Crape Myrtle - <i>Lagerstroemia indica</i>  Bronze Loquat - <i>Eriobotrya deflexa</i> |  Brisbane Box - <i>Lophostemon confertus</i>  Peppermint Tree - <i>Agonis flexuosa</i>  Ornamental Pear - <i>Pyrus species</i> |  Existing Tree | | |
|  CA Live Oak - <i>Quercus agrifolia</i>  Valley Oak - <i>Quercus lobata</i>  Island Oak - <i>Quercus tomentella</i> |  Common Alder - <i>Alnus rhombifolia</i>  Willow - <i>Salix species</i>  Elderberry - <i>Sambucus mexicana</i> |  Existing Palm | | |



SHEET 7C: MID TERM

SCALE: 1"= 30' IF 11"X17"



TREE SUCH AS LEGEND:



Ironwood - *Lyonothamnus floribundus*
Torrey Pine - *Pinus torreyana*



Western Redbud - *Cercis occidentalis*
Crape Myrtle - *Lagerstroemia indica*
Bronze Loquat - *Eriobotrya deflexa*



CA Live Oak - *Quercus agrifolia*
Valley Oak - *Quercus lobata*
Island Oak - *Quercus tomentella*



CA Sycamore - *Platanus racemosa*
Bay Laurel - *Umbellularia californica*



Brisbane Box - *Lophostemon confertus*
Peppermint Tree - *Agonis flexuosa*
Ornamental Pear - *Pyrus species*



Common Alder - *Alnus rhombifolia*
Willow - *Salix species*
Elderberry - *Sambucus mexicana*



Date Palm - *Phoenix dactylifera*



Existing Tree



Existing Palm

SIGN LEGEND:



1 Stop Sign



2 Stop & No Right Turn



3 Stop & Right Turn Only



4 Bus/Bike Only



5 Yield to Pedestrians



6 Do Not Enter One Way



7 Security Camera



8 Other Sign

SITE LEGEND:



1 Union Pacific Property

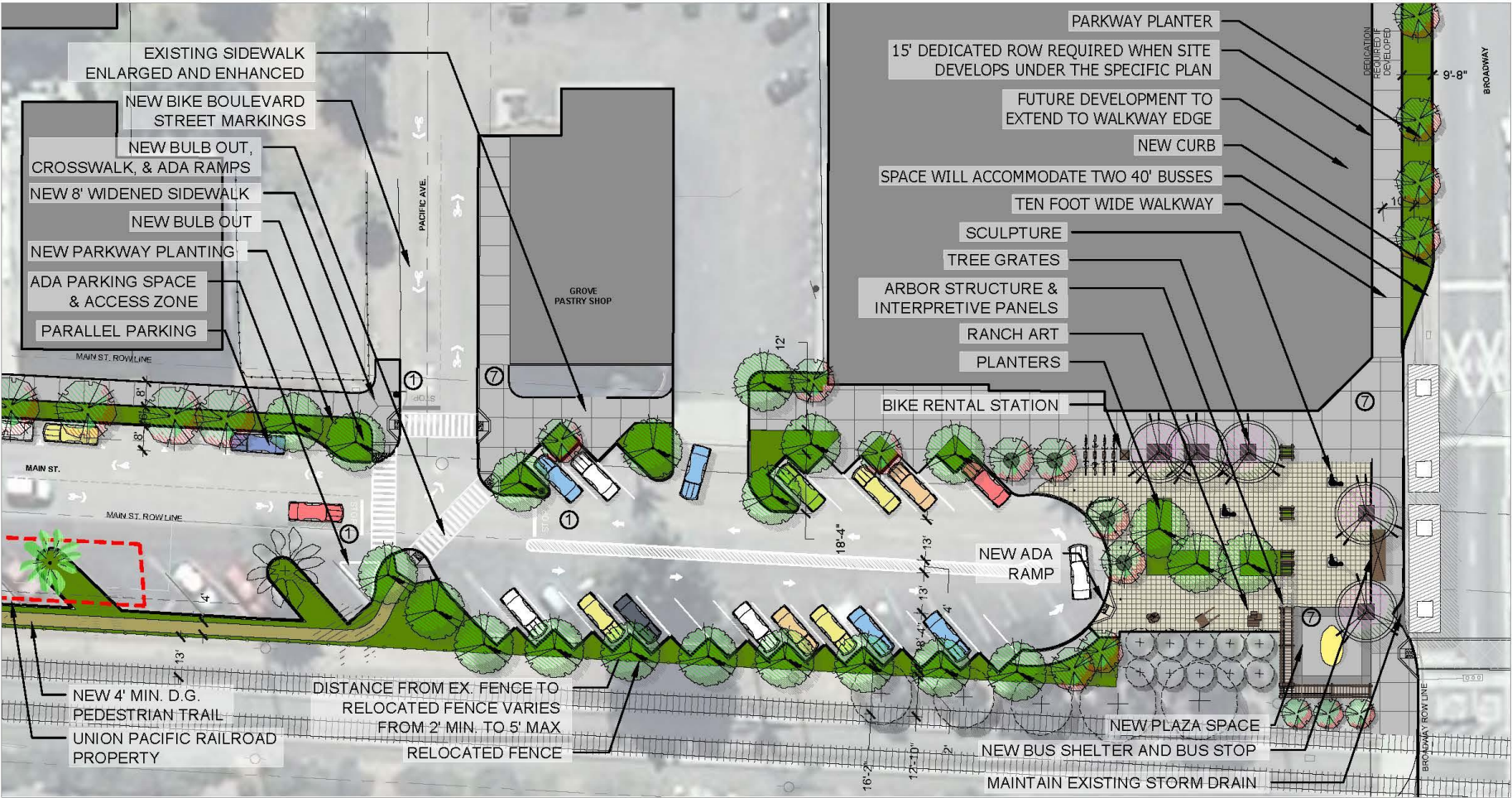


2 Bike Boulevard Markings



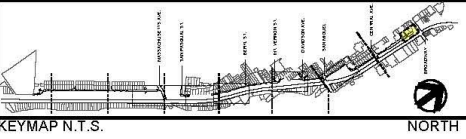
3 ADA Ramp

Attachment A



SHEET 7A: LONG TERM

SCALE: 1"= 30' IF 11"X17"



TREE SUCH AS LEGEND:

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> Ironwood - <i>Lyonothamnus floribundus</i> Torrey Pine - <i>Pinus torreyana</i> Western Redbud - <i>Cercis occidentalis</i> Crape Myrtle - <i>Lagerstroemia indica</i> Bronze Lquat - <i>Eriobotrya deflexa</i> CA Live Oak - <i>Quercus agrifolia</i> Valley Oak - <i>Quercus lobata</i> Island Oak - <i>Quercus tomentella</i> | <ul style="list-style-type: none"> CA Sycamore - <i>Platanus racemosa</i> Bay Laurel - <i>Umbellularia californica</i> Brisbane Box - <i>Lophostemon confertus</i> Peppermint Tree - <i>Agonis flexuosa</i> Ornamental Pear - <i>Pyrus species</i> Common Alder - <i>Alnus rhombifolia</i> Willow - <i>Salix species</i> Elderberry - <i>Sambucus mexicana</i> | <ul style="list-style-type: none"> Date Palm - <i>Phoenix dactylifera</i> Existing Tree Existing Palm |
|---|--|--|

SIGN LEGEND:

- ① Stop Sign
- ② Stop & No Right Turn
- ③ Stop & Right Turn Only
- ④ Bus/Bike Only
- ⑤ Yield to Pedestrians
- ⑥ Do Not Enter One Way
- ⑦ Security Camera
- ⑧ Other Sign

SITE LEGEND:

- Union Pacific Property
- Bike Boulevard Markings
- ADA Ramp

The SPANISH / MEXICAN PERIOD EXAMPLES

Spanish and Mexican influences spanned from early Mexican Native Americans to the Spaniards. Stucco, tile, mud thatch, and metal may be appropriate. Mileage markers could be explorer based with compasses, sextons, and other elements added. Mexican and Spanish influences on landscapes includes mission gardens, pepper trees, agave, our lords candle, etc. for a mostly dry landscape.



The non-native discovery of the Americas would be portrayed through these Spanish and early Mexican influences

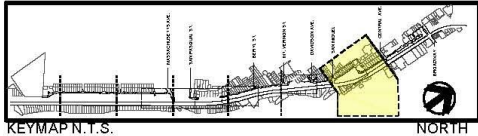
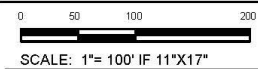


SHEET T

Attachment A



SHEET 6: PLAN VIEW



TREE SUCH AS LEGEND:

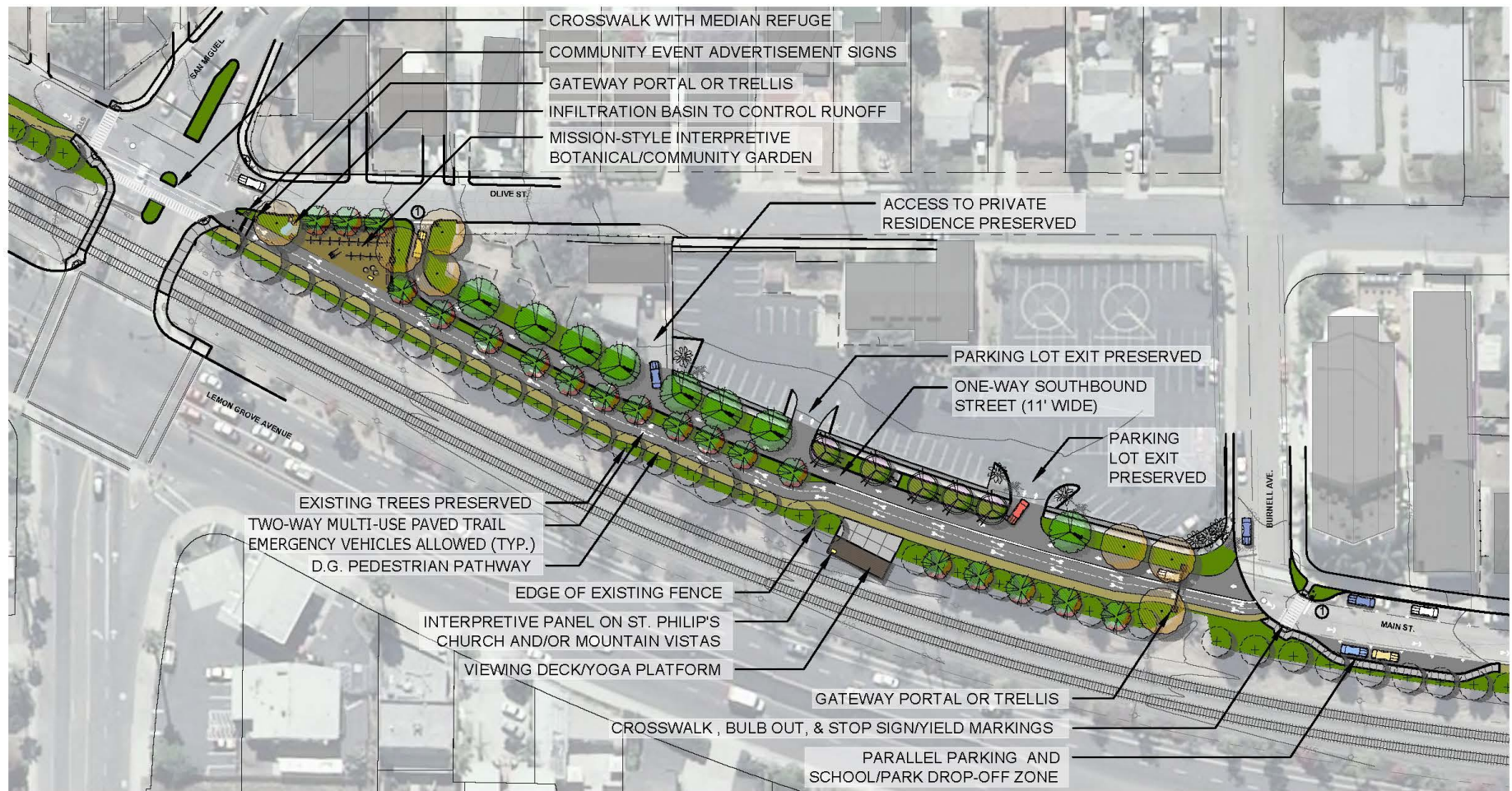
- | | | |
|---|--|--|
| Ironwood - <i>Lyonothamnus floribundus</i> | CA Sycamore - <i>Platanus racemosa</i> | Date Palm - <i>Phoenix dactylifera</i> |
| Torrey Pine - <i>Pinus torreyana</i> | Bay Laurel - <i>Umbellularia californica</i> | Existing Tree |
| Western Redbud - <i>Cercis occidentalis</i> | Brisbane Box - <i>Lophostemon confertus</i> | Existing Palm |
| Crape Myrtle - <i>Lagerstroemia indica</i> | Peppermint Tree - <i>Agonis flexuosa</i> | |
| Bronze Loquat - <i>Eriobotrya deflexa</i> | Ornamental Pear - <i>Fyrus species</i> | |
| CA Live Oak - <i>Quercus agrifolia</i> | Common Alder - <i>Alnus rhombifolia</i> | |
| Valley Oak - <i>Quercus lobata</i> | Willow - <i>Salix species</i> | |
| Island Oak - <i>Quercus tomentella</i> | Elderberry - <i>Sambucus mexicana</i> | |

SIGN LEGEND:

- ① Stop Sign
- ② Stop & No Right Turn
- ③ Stop & Right Turn Only
- ④ Bus/Bike Only
- ⑤ Yield to Pedestrians
- ⑥ Do Not Enter One Way
- ⑦ Security Camera
- ⑧ Bike Stop Sign

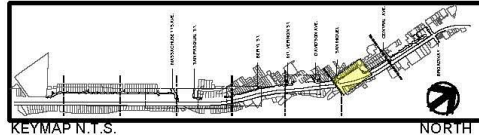
SITE LEGEND:

- Union Pacific Property
- Bike Boulevard Markings
- ADA Ramp
- Boulders
- Sit-Only Bench
- Interpretive Sign



SHEET 6A: DETAIL PLAN

0 30 60 120
SCALE: 1"= 60' IF 11"x17"



TREE SUCH AS LEGEND:

| | | |
|---|--|--|
| Ironwood - <i>Lyonothamnus floribundus</i> | CA Sycamore - <i>Platanus racemosa</i> | Date Palm - <i>Phoenix dactylifera</i> |
| Torrey Pine - <i>Pinus torreyana</i> | Bay Laurel - <i>Umbellularia californica</i> | Existing Tree |
| Western Redbud - <i>Cercis occidentalis</i> | Brisbane Box - <i>Lophostemon confertus</i> | Existing Palm |
| Crape Myrtle - <i>Lagerstroemia indica</i> | Peppermint Tree - <i>Agonis flexuosa</i> | |
| Bronze Loquat - <i>Eriobotrya deflexa</i> | Ornamental Pear - <i>Pyrus species</i> | |
| CA Live Oak - <i>Quercus agrifolia</i> | Common Alder - <i>Alnus rhombifolia</i> | |
| Valley Oak - <i>Quercus lobata</i> | Willow - <i>Salix species</i> | |
| Island Oak - <i>Quercus tomentella</i> | Elderberry - <i>Sambucus mexicana</i> | |

SIGN LEGEND:

| | |
|---|------------------------|
| ① | Stop Sign |
| ② | Stop & No Right Turn |
| ③ | Stop & Right Turn Only |
| ④ | Bus/Bike Only |
| ⑤ | Yield to Pedestrians |
| ⑥ | Do Not Enter One Way |
| ⑦ | Security Camera |
| ⑧ | Bike Stop Sign |

SITE LEGEND:

| | |
|--|-------------------------|
| | Union Pacific Property |
| | Bike Boulevard Markings |
| | ADA Ramp |
| | Boulders |
| | Sit-Only Bench |
| | Interpretive Sign |

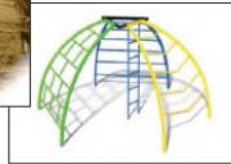
Attachment A

The KUMEYAAY PERIOD EXAMPLES

This area goes from early Native Americans in the region to early 19th century Kumeyaay. Grass huts and grinding stones in the early days evolving to more complex forms of housing and agriculture.



The portal would emphasize the coming of man and its pre-history to history transition and would use thatched arches with stick, limb or trunk pieces

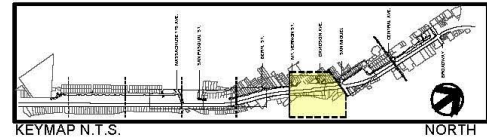


SHEET 5



SHEET 5: PLAN VIEW

0 50 100 200
SCALE: 1"= 100' IF 11"x17"
NORTH



TREE SUCH AS LEGEND:

- | | | |
|---|--|--|
| Ironwood - <i>Lyonothamnus floribundus</i> | CA Sycamore - <i>Platanus racemosa</i> | Date Palm - <i>Phoenix dactylifera</i> |
| Torrey Pine - <i>Pinus torreyana</i> | Bay Laurel - <i>Umbellularia californica</i> | Existing Tree |
| Western Redbud - <i>Cercis occidentalis</i> | Brisbane Box - <i>Lophostemon confertus</i> | Existing Palm |
| Crape Myrtle - <i>Lagerstroemia indica</i> | Peppermint Tree - <i>Agonis flexuosa</i> | |
| Bronze Loquat - <i>Eriobotrya deflexa</i> | Ornamental Pear - <i>Pyrus species</i> | |
| CA Live Oak - <i>Quercus agrifolia</i> | Common Alder - <i>Alnus rhombifolia</i> | |
| Valley Oak - <i>Quercus lobata</i> | Willow - <i>Salix species</i> | |
| Island Oak - <i>Quercus tomentella</i> | Elderberry - <i>Sambucus mexicana</i> | |

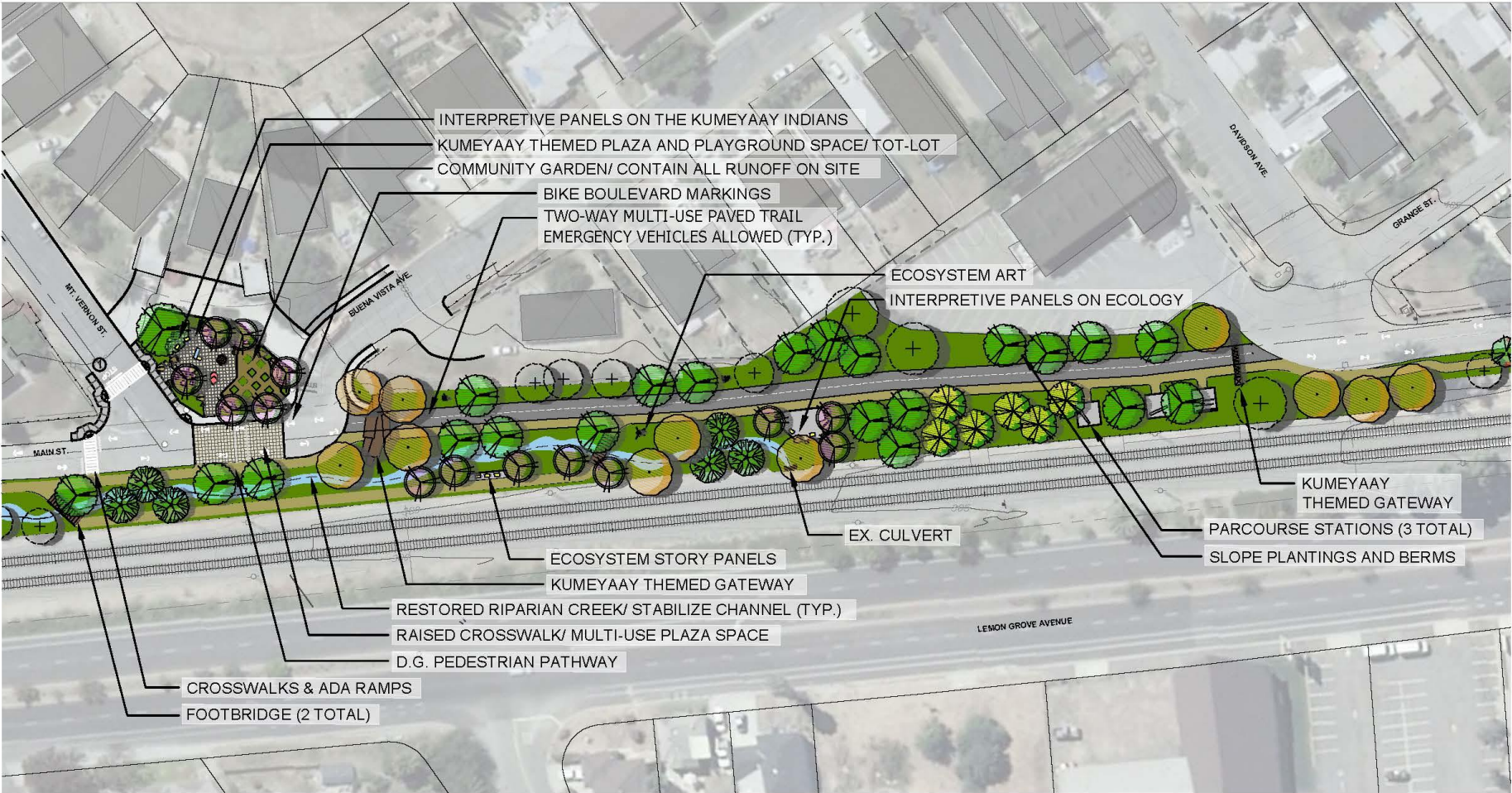
SIGN LEGEND:

- ① Stop Sign
- ② Stop & No Right Turn
- ③ Stop & Right Turn Only
- ④ Bus/Bike Only
- ⑤ Yield to Pedestrians
- ⑥ Do Not Enter One Way
- ⑦ Security Camera
- ⑧ Bike Stop Sign

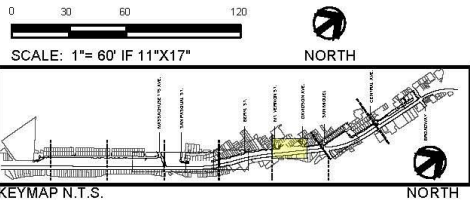
SITE LEGEND:

- Union Pacific Property
- Bike Boulevard Markings
- ADA Ramp
- Boulders
- Sit-Only Bench
- Interpretive Sign

Attachment A



SHEET 5A: DETAIL PLAN



TREE SUCH AS LEGEND:

- | | |
|---|--|
| Ironwood - <i>Lyonothamnus floribundus</i> | CA Sycamore - <i>Platanus racemosa</i> |
| Torrey Pine - <i>Pinus torreyana</i> | Bay Laurel - <i>Umbellularia californica</i> |
| Western Redbud - <i>Cercis occidentalis</i> | Brisbane Box - <i>Lophostemon confertus</i> |
| Crape Myrtle - <i>Lagerstroemia indica</i> | Peppermint Tree - <i>Agonis flexuosa</i> |
| Bronze Loquat - <i>Eriobotrya deflexa</i> | Ornamental Pear - <i>Pyrus species</i> |
| CA Live Oak - <i>Quercus agrifolia</i> | Common Alder - <i>Alnus rhombifolia</i> |
| Valley Oak - <i>Quercus lobata</i> | Willow - <i>Salix species</i> |
| Island Oak - <i>Quercus tomentella</i> | Elderberry - <i>Sambucus mexicana</i> |

SIGN LEGEND:

- | | |
|---|------------------------|
| ① | Stop Sign |
| ② | Stop & No Right Turn |
| ③ | Stop & Right Turn Only |
| ④ | Bus/Bike Only |
| ⑤ | Yield to Pedestrians |
| ⑥ | Do Not Enter One Way |
| ⑦ | Security Camera |
| ⑧ | Bike Stop Sign |

SITE LEGEND:

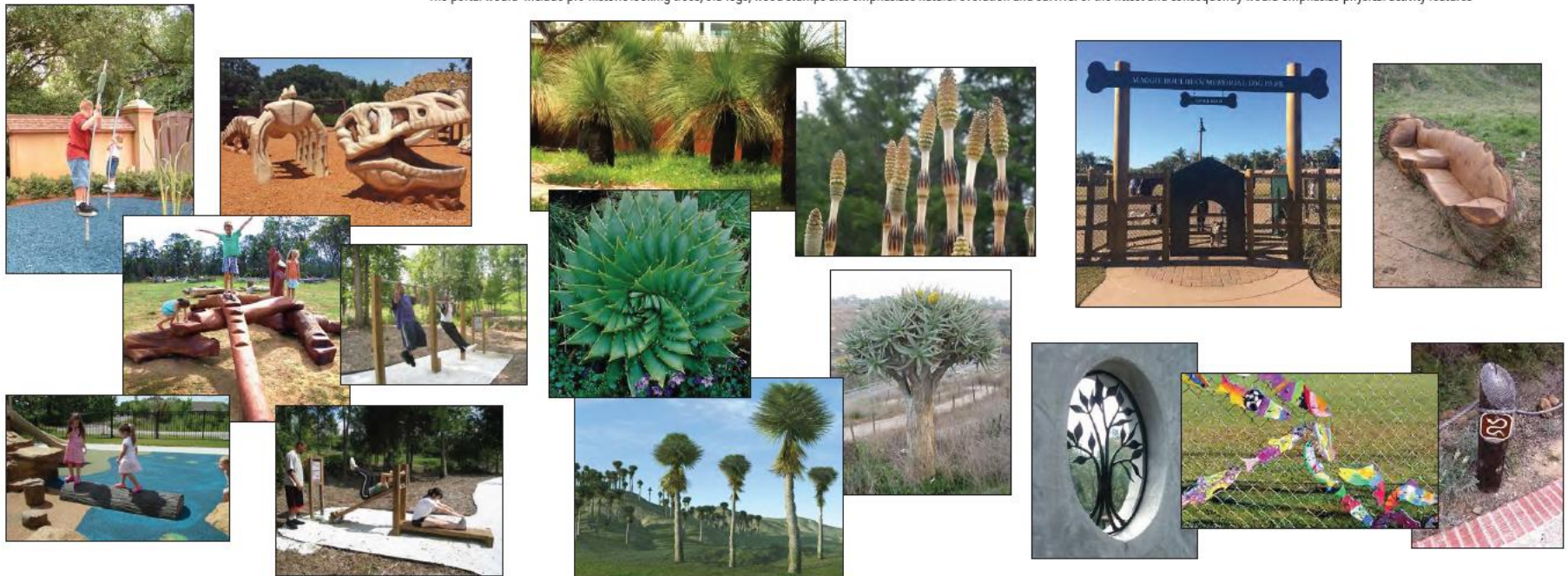
- | | |
|--|-------------------------|
| | Union Pacific Property |
| | Bike Boulevard Markings |
| | ADA Ramp |
| | Boulders |
| | Sit-Only Bench |
| | Interpretive Sign |

NATURAL EVOLUTIONARY TIME EXAMPLES

This section includes the natural processes of botany and biology. Native species and evolution of natural micro-climates will be highlighted. Living material or something that looked alive would be included. Petrified logs or fossils of recognizable tree trunks and branches should be included. A paving pattern or interpretive posts that follow the evolution of a major tree species and animal species should be used. Species markers should be used like mile markers. Interesting species of plants that look pre-historic will be used.

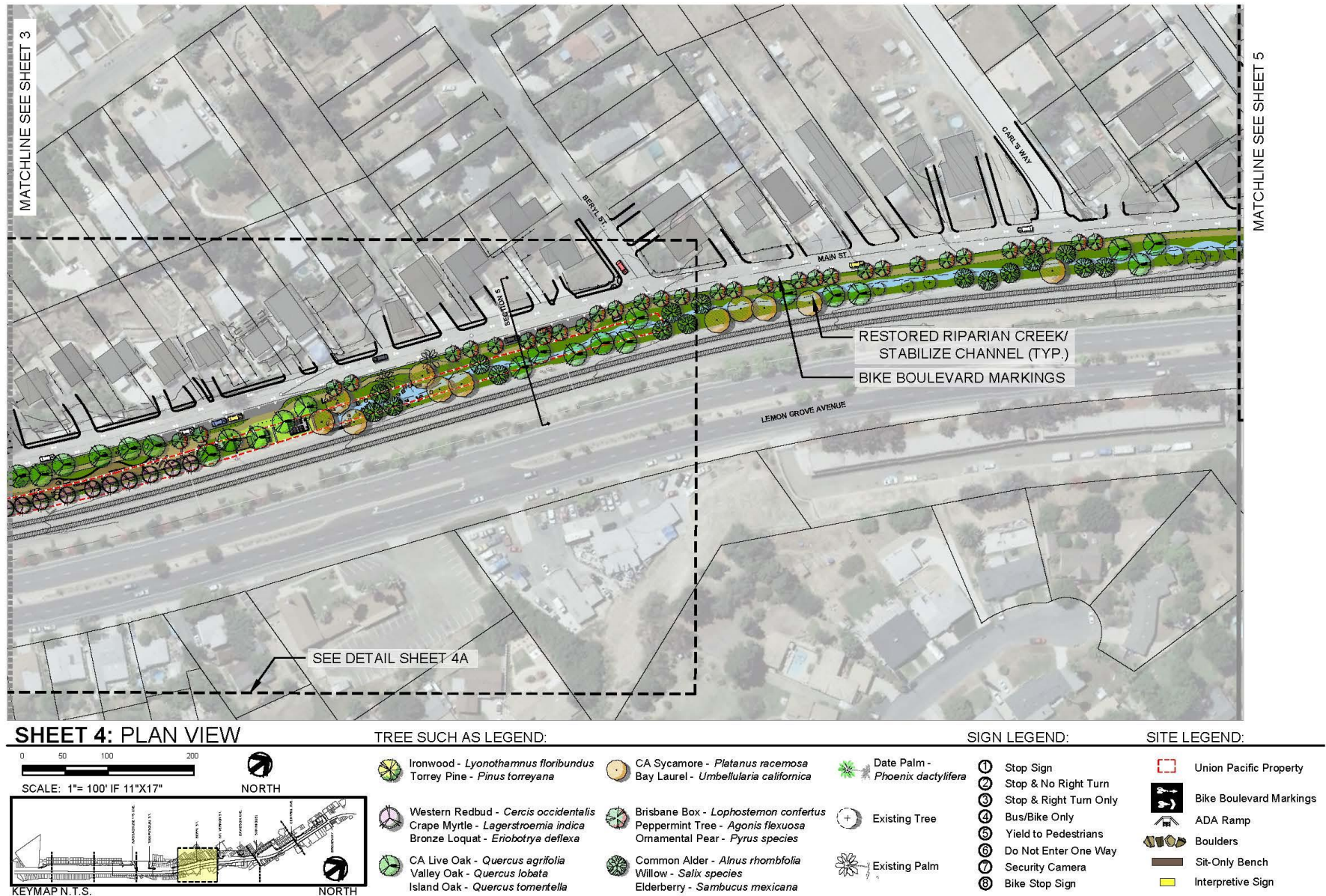


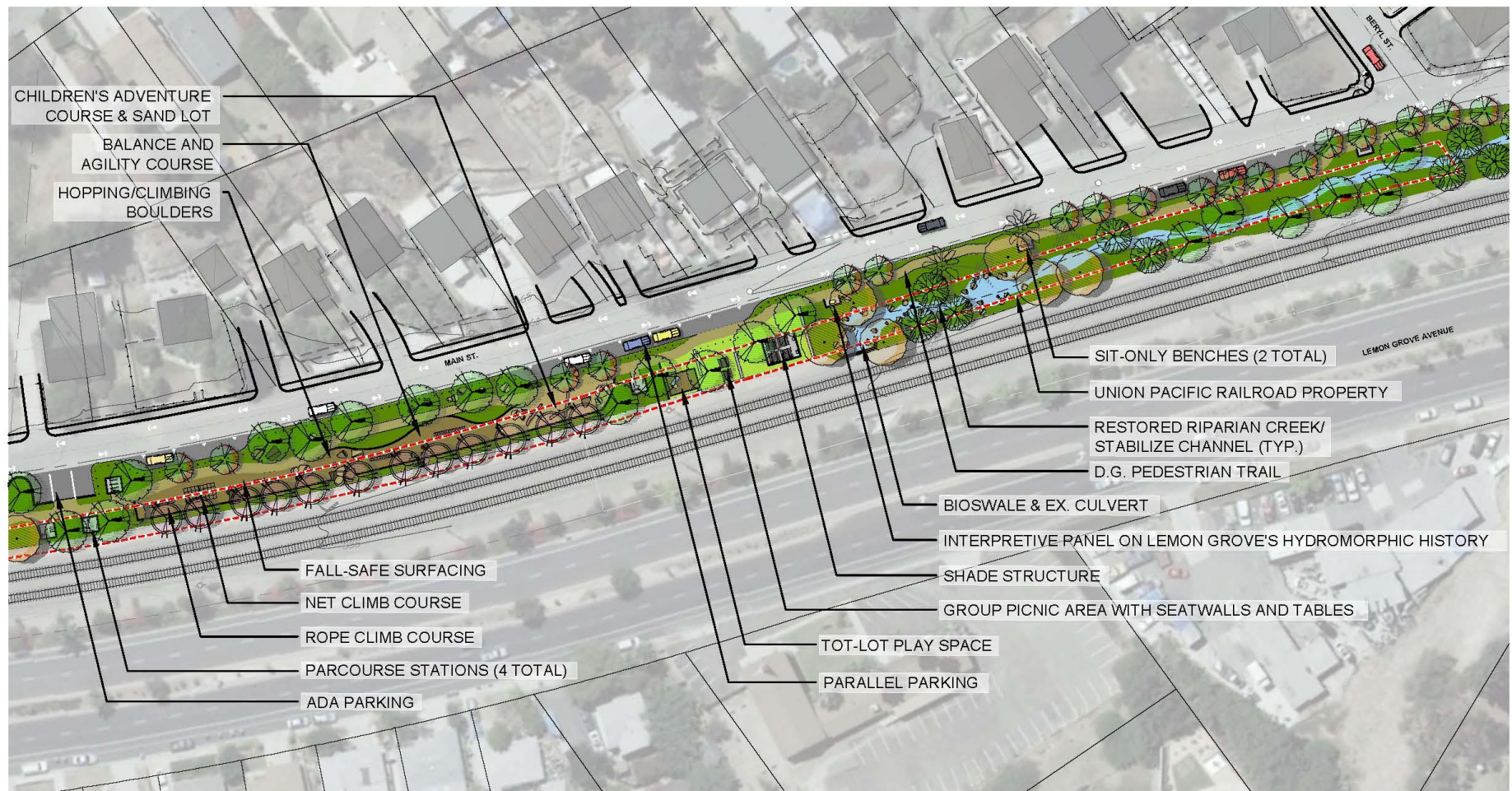
The portal would include pre-historic looking trees, old logs, wood stumps and emphasizes natural evolution and survival of the fittest and consequently would emphasize physical activity features



SHEET R

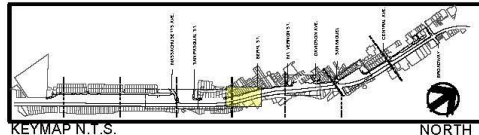
Attachment A





SHEET 4A: DETAIL PLAN

0 30 60 120
SCALE: 1"= 60' IF 11"X17"



KEYMAP N.T.S.

TREE SUCH AS LEGEND:



Ironwood - *Lyonothamnus floribundus*
Torrey Pine - *Pinus torreyana*



Western Redbud - *Cercis occidentalis*
Crape Myrtle - *Lagerstroemia indica*
Bronze Loquat - *Eriobotrya deflexa*



CA Live Oak - *Quercus agrifolia*
Valley Oak - *Quercus lobata*
Island Oak - *Quercus tomentella*



CA Sycamore - *Platanus racemosa*
Bay Laurel - *Umbellularia californica*



Brisbane Box - *Lophostemon confertus*
Peppermint Tree - *Agonis flexuosa*
Ornamental Pear - *Pyrus species*



Common Alder - *Alnus rhombifolia*
Willow - *Salix species*
Elderberry - *Sambucus mexicana*



Date Palm - *Phoenix dactylifera*



Existing Tree



Existing Palm

SIGN LEGEND:

- ① Stop Sign
- ② Stop & No Right Turn
- ③ Stop & Right Turn Only
- ④ Bus/Bike Only
- ⑤ Yield to Pedestrians
- ⑥ Do Not Enter One Way
- ⑦ Security Camera
- ⑧ Bike Stop Sign

SITE LEGEND:



Union Pacific Property



Bike Boulevard Markings



ADA Ramp



Boulders

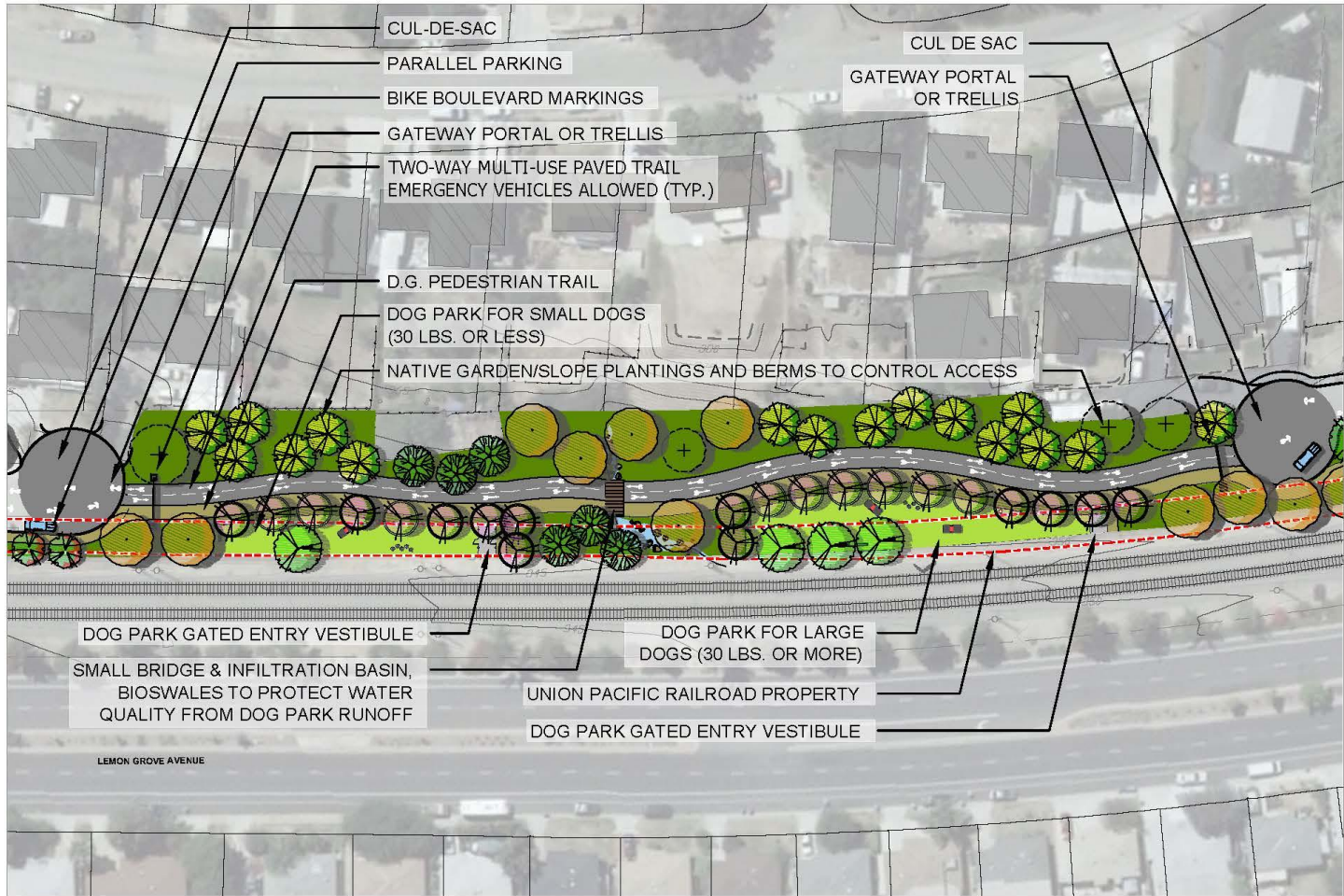


Sit-Only Bench

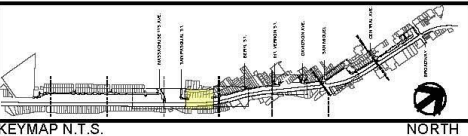


Interpretive Sign

Attachment A



SHEET 3B: DETAIL PLAN



TREE SUCH AS LEGEND:



SIGN LEGEND:

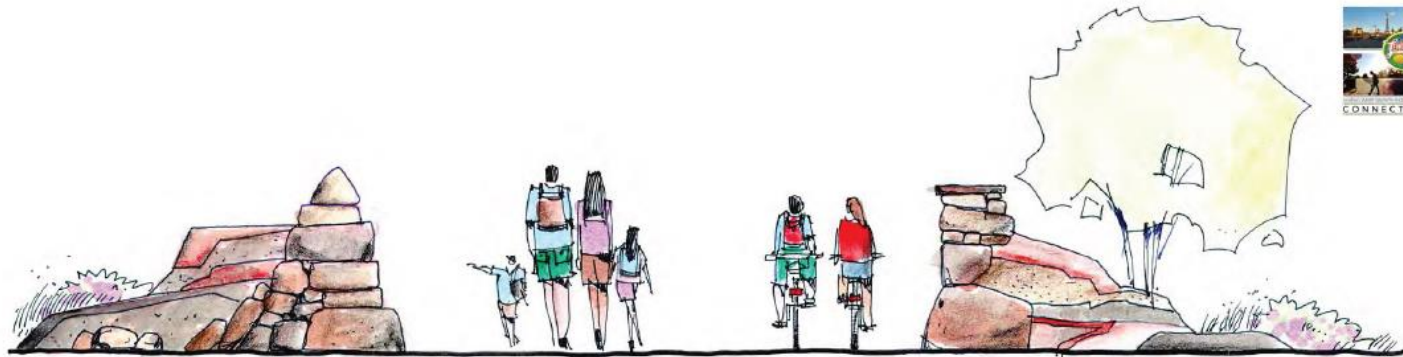


SITE LEGEND:



WEATHERING FORCES OVER TIME EXAMPLES

The theme of this section is on how wind, temperature and water join to break geologic strata down into surface geology. Materials should be sand, smaller stone, boulders and water or eroded stone surfaces including polished stone or pebble that is shaped by river / water action. Interpretive panels should include weathering processes, erosion, landslides, sloughing, breaking and cracking of the geology, especially from water. Mile markers could be on weathered stone or boulders.

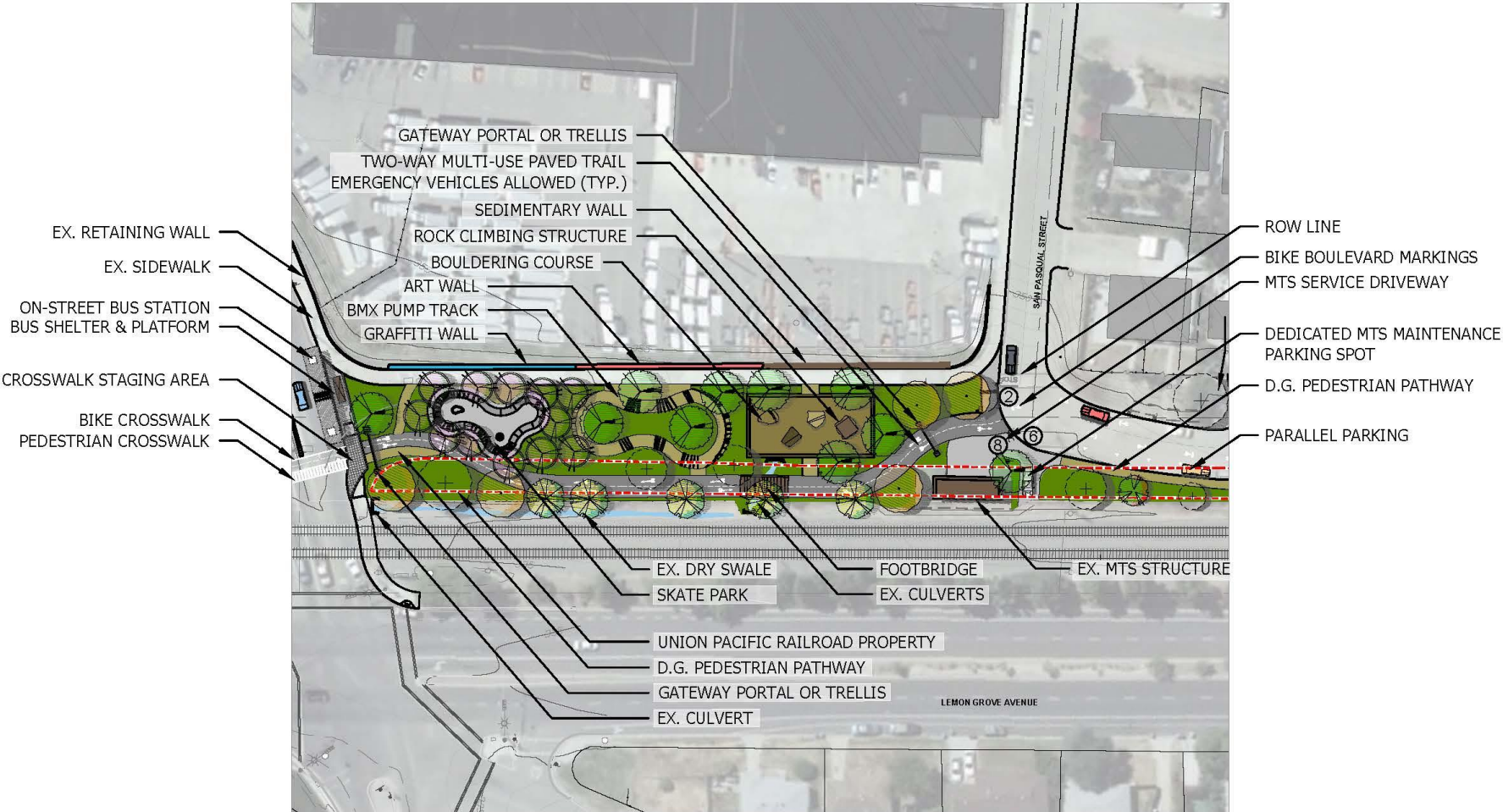


The portal would be similar to the geologic portal except it would look weathered and worn down through erosive forces of wind and water

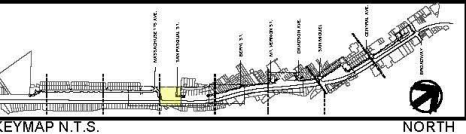
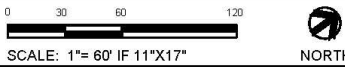


SHEET Q

Attachment A



SHEET 3A: DETAIL PLAN



TREE SUCH AS LEGEND:

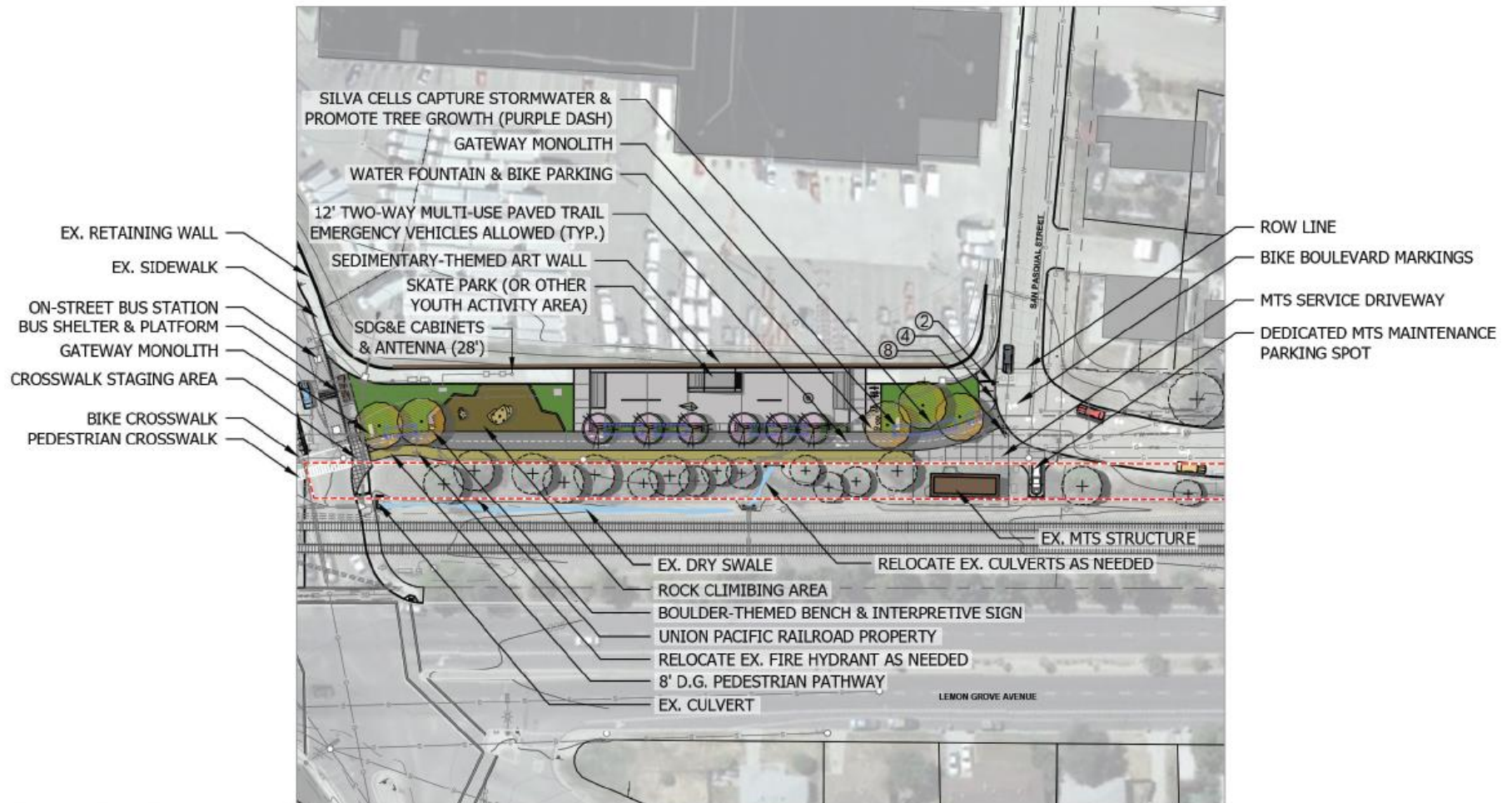
| | | |
|---|--|--|
| Ironwood - <i>Lyonothamnus floribundus</i> | CA Sycamore - <i>Platanus racemosa</i> | Date Palm - <i>Phoenix dactylifera</i> |
| Torrey Pine - <i>Pinus torreyana</i> | Bay Laurel - <i>Umbellularia californica</i> | Existing Tree |
| Western Redbud - <i>Cercis occidentalis</i> | Brisbane Box - <i>Lophostemon confertus</i> | Existing Palm |
| Crape Myrtle - <i>Lagerstroemia indica</i> | Peppermint Tree - <i>Agonis flexuosa</i> | |
| Bronze Loquat - <i>Eriobotrya deflexa</i> | Ornamental Pear - <i>Pyrus species</i> | |
| CA Live Oak - <i>Quercus agrifolia</i> | Common Alder - <i>Alnus rhombifolia</i> | |
| Valley Oak - <i>Quercus lobata</i> | Willow - <i>Salix species</i> | |
| Island Oak - <i>Quercus tomentella</i> | Elderberry - <i>Sambucus mexicana</i> | |

SIGN LEGEND:

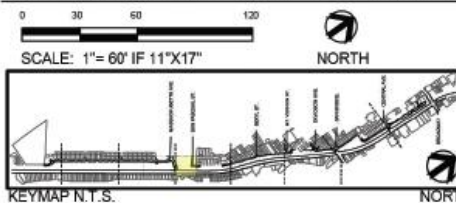
| | |
|---|------------------------|
| ① | Stop Sign |
| ② | Stop & No Right Turn |
| ③ | Stop & Right Turn Only |
| ④ | Bus/Bike Only |
| ⑤ | Yield to Pedestrians |
| ⑥ | Do Not Enter One Way |
| ⑦ | Security Camera |
| ⑧ | Bike Stop Sign |

SITE LEGEND:

| | |
|--|-------------------------|
| | Union Pacific Property |
| | Bike Boulevard Markings |
| | ADA Ramp |
| | Boulders |
| | Sit-Only Bench |
| | Interpretive Sign |



SHEET 3A: DETAIL PLAN - Alt 2



TREE SUCH AS LEGEND:

| | | |
|---|--|--|
| Ironwood - <i>Lyonothamnus floribundus</i> | CA Sycamore - <i>Platanus racemosa</i> | Date Palm - <i>Phoenix dactylifera</i> |
| Torrey Pine - <i>Pinus torreyana</i> | Bay Laurel - <i>Umbellularia californica</i> | Existing Tree |
| Western Redbud - <i>Cercis occidentalis</i> | Brisbane Box - <i>Lophostemon confertus</i> | Existing Palm |
| Crape Myrtle - <i>Lagerstroemia indica</i> | Peppermint Tree - <i>Agonis flexuosa</i> | |
| Bronze Loquat - <i>Eriobotrya deflexa</i> | Ornamental Pear - <i>Pyrus species</i> | |
| CA Live Oak - <i>Quercus agrifolia</i> | Common Alder - <i>Alnus rhombifolia</i> | |
| Valley Oak - <i>Quercus lobata</i> | Willow - <i>Salix species</i> | |
| Island Oak - <i>Quercus tormentella</i> | Elderberry - <i>Sambucus mexicana</i> | |

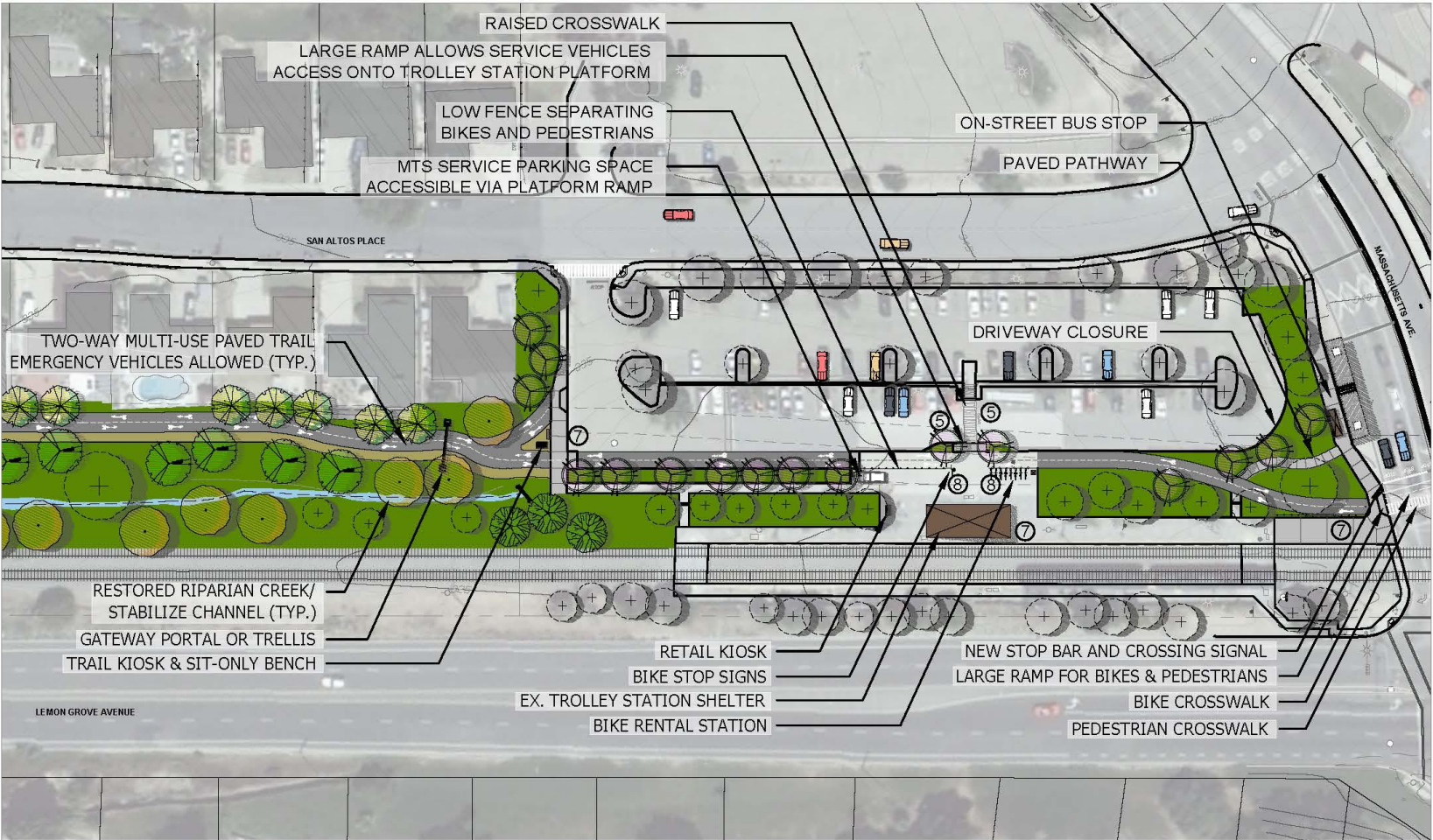
SIGN LEGEND:

- ① Stop Sign
- ② Stop & No Right Turn
- ③ Stop & Right Turn Only
- ④ Bus/Bike Only
- ⑤ Yield to Pedestrians
- ⑥ Do Not Enter One Way
- ⑦ Security Camera
- ⑧ Bike Stop Sign

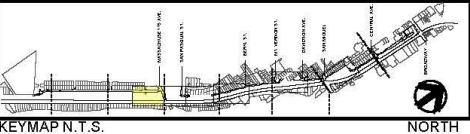
SITE LEGEND:

- Union Pacific Property
- Bike Boulevard Markings
- ADA Ramp
- Boulders
- Sit-Only Bench
- Interpretive Sign

Attachment A



SHEET 2A: DETAIL PLAN



TREE SUCH AS LEGEND:

- | | |
|---|--|
| Ironwood - <i>Lyonothamnus floribundus</i> | CA Sycamore - <i>Platanus racemosa</i> |
| Torrey Pine - <i>Pinus torreyana</i> | Bay Laurel - <i>Umbellularia californica</i> |
| Western Redbud - <i>Cercis occidentalis</i> | Brisbane Box - <i>Lophostemon confertus</i> |
| Crape Myrtle - <i>Lagerstroemia indica</i> | Peppermint Tree - <i>Agonis flexuosa</i> |
| Bronze Loquat - <i>Eriobotrya deflexa</i> | Ornamental Pear - <i>Pyrus species</i> |
| CA Live Oak - <i>Quercus agrifolia</i> | Common Alder - <i>Alnus rhombifolia</i> |
| Valley Oak - <i>Quercus lobata</i> | Willow - <i>Salix species</i> |
| Island Oak - <i>Quercus tomentella</i> | Elderberry - <i>Sambucus mexicana</i> |

SIGN LEGEND:

- | | |
|---|------------------------|
| ① | Stop Sign |
| ② | Stop & No Right Turn |
| ③ | Stop & Right Turn Only |
| ④ | Bus/Bike Only |
| ⑤ | Yield to Pedestrians |
| ⑥ | Do Not Enter One Way |
| ⑦ | Security Camera |
| ⑧ | Bike Stop Sign |

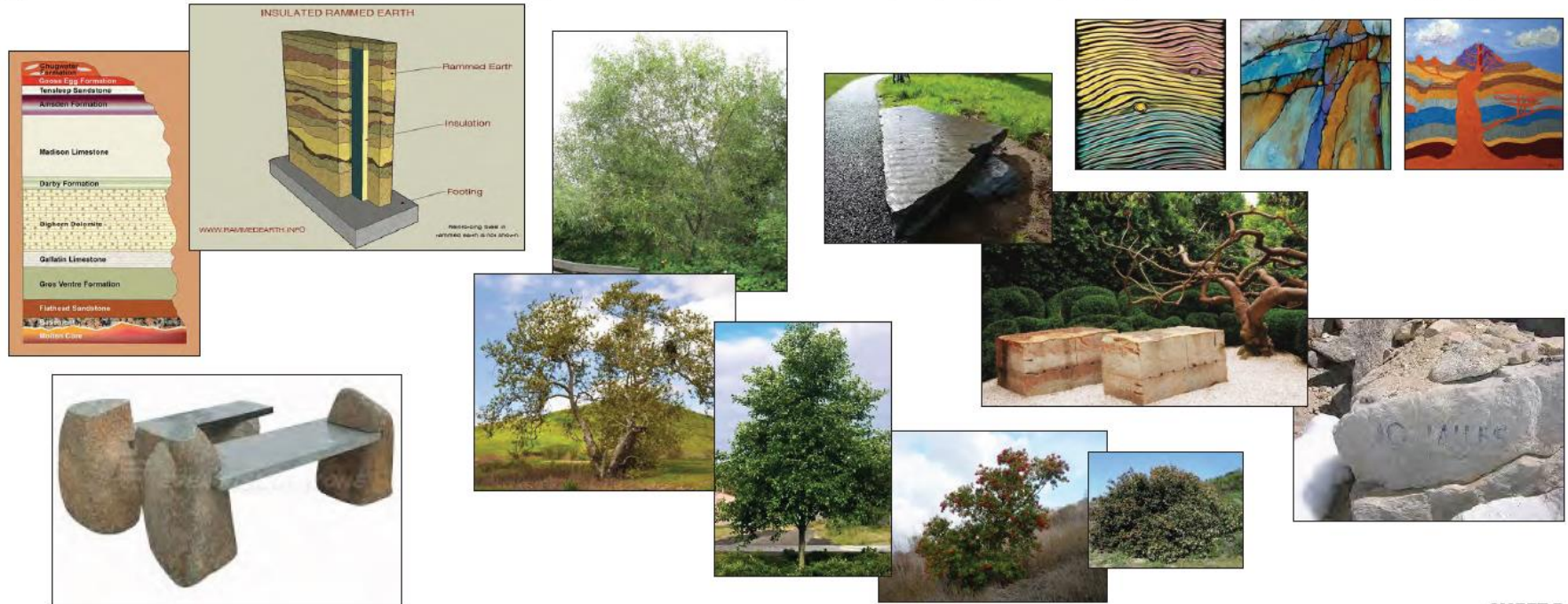
SITE LEGEND:

- | | |
|--|-------------------------|
| | Union Pacific Property |
| | Bike Boulevard Markings |
| | ADA Ramp |
| | Boulders |
| | Sit-Only Bench |
| | Interpretive Sign |

The chronology would go back through geologic time with interpretive signs that show the San Diego region (and this site in particular) for its geologic substrate. All elements should be stone, not polished and relate to volcanic, metamorphic or sedimentary geologic categories. Mile markers could be cut stone or boulders with engraved numbers. Benches to be made out of stone.

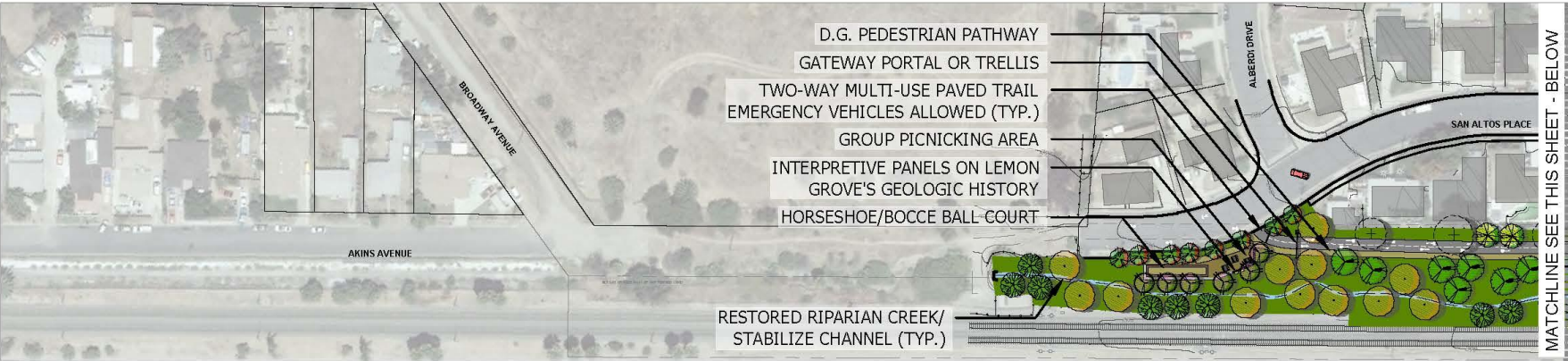


The portal would consist of a rock wall / sedimentary wall with a triangular shaped high point with layers of geology on each side of the trail as though it were cut through geologic layers

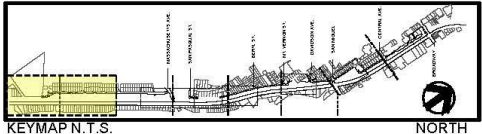
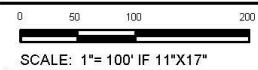


Attachment A





SHEET 1: PLAN VIEW



TREE SUCH AS LEGEND:

- | | | |
|--|---|--|
| Ironwood - <i>Lyonothamnus floribundus</i> Torrey Pine - <i>Pinus torreyana</i> | CA Sycamore - <i>Platanus racemosa</i> Bay Laurel - <i>Umbellularia californica</i> | Date Palm - <i>Phoenix dactylifera</i> |
| Western Redbud - <i>Cercis occidentalis</i> Crape Myrtle - <i>Lagerstroemia indica</i> Bronze Loquat - <i>Eriobotrya deflexa</i> | Brisbane Box - <i>Lophostemon confertus</i> Peppermint Tree - <i>Agonis flexuosa</i> Ornamental Pear - <i>Pyrus species</i> | Existing Tree |
| CA Live Oak - <i>Quercus agrifolia</i> Valley Oak - <i>Quercus lobata</i> Island Oak - <i>Quercus tomentella</i> | Common Alder - <i>Alnus rhombifolia</i> Willow - <i>Salix species</i> Elderberry - <i>Sambucus mexicana</i> | Existing Palm |

SIGN LEGEND:

- | |
|--------------------------|
| ① Stop Sign |
| ② Stop & No Right Turn |
| ③ Stop & Right Turn Only |
| ④ Bus/Bike Only |
| ⑤ Yield to Pedestrians |
| ⑥ Do Not Enter One Way |
| ⑦ Security Camera |
| ⑧ Bike Stop Sign |

SITE LEGEND:

- | |
|-------------------------|
| Union Pacific Property |
| Bike Boulevard Markings |
| ADA Ramp |
| Boulders |
| Sit-Only Bench |
| Interpretive Sign |